

1834 U.S. PTO  
07/15/03

Docket No. 87324.1760  
Customer No. 30734

UTILITY PATENT APPLICATION  
UNDER 37 CFR 1.53(b)

21910 U.S. PTO  
10/619143  
07/15/03

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Case Docket No. 87324.1760

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR(s): Deepak Saha, Diran Apelian, Mark A. Musser, Dayne Killingsworth and Zach Brown

FOR: SEMI-SOLID METAL CASTING PROCESS OF HYPEREUTECTIC ALUMINUM ALLOYS

Enclosed are:

- [X] 16 pages comprised of 1 cover sheet, 10 pages of specification, 4 pages of claims, and 1 page of abstract  
[X] Declaration & Power of Attorney  
[ ] Priority Claimed from US Provisional Application No. , filed  
[ ] Certified copy of \_\_\_\_\_  
[X] 3 sheets of drawings  
[ ] An assignment of the invention to \_\_\_\_\_ and the assignment recordation fee.  
[X] Return Receipt Postcard  
[ ] Information Disclosure Statement, Form PTO-1449  
[ ] Copies of IDS Citations  
[ ] Other: The undersigned hereby declares that this applications meets the qualifications for Small Entity Status under 37 C.F.R. 1.9(f) and 1.27(c) - Small Business Concerns - Independent Inventor.  
[ ] Other:

The filing fee has been calculated as shown below:

	(1) FOR	(2) NO. FILED	(3) NO. EXTRA	(4) RATE	(5) AMOUNT
<b>TOTAL CLAIMS</b>	20	-20	0	x \$18.00 =	\$000.00
<b>INDEPENDENT CLAIMS</b>	1	-3	0	x \$84.00 =	\$000.00
<b>MULTIPLE DEPENDENT CLAIM(S) (If applicable)</b>			+ \$280.00 =		0.00
			<b>BASIC FEE</b>		<b>\$ 750.00</b>
			Total of above calculations	=	\$750.00
[ ] Assignment & Recording Fee				\$ 0.00	
			<b>TOTAL FEE</b>		<b>\$750.00</b>

- Attached is a check in the amount of \$750.00. A duplicate copy of this sheet is enclosed.
- Please charge my Deposit Account No. 50-2036 in the amount of \$0.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-2036. A duplicate copy is enclosed.
- Any additional filing fees required under 37 CFR 1.16.
- The Commissioner is hereby authorized to charge payment of following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-2036. A duplicate copy of this sheet is enclosed.
- Any patent application processing fees under 37 CFR 1.17.
- Any filing fees under 37 CFR 1.16 for presentation of extra claims.

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Respectfully submitted,

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